

## CLAIMS

- 5     1.     A hard surface treatment composition which comprising:  
          an alcohol constituent selected from the group consisting of methanol, ethanol, n-  
          propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof which is present in an  
          amount of from about 40 and 70 weight percent;  
          an effective amount of a pH adjusting agent such that the pH range of the  
10    composition is from about 7.0 to about 13.0;  
          optionally, one or more constituents selected from the group consisting of  
          antimicrobials, corrosion inhibitors, perfumes, perfume carriers, deodorants, organic solvents,  
          surfactants, propellants, pH buffers, organic acids, fungicides, film-forming polymers, and  
          anti-oxidants;  
15           and water, to 100 weight percent  
          characterized in that the hard surface treatment composition exhibits antimicrobial efficacy  
          against one or more of: *Salmonella choleraesuis*, *Staphylococcus aureus*, *Escherichia coli*,  
          *Pseudomonas aeruginosa*, *Enterococcus hirae*, *Aspergillus niger*, *T. mentagrophytes*,  
          Hepatitis A, Poliovirus Type 1, Coxsachievirus, Rotavirus, or Rhinovirus.  
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2.     A hard surface treatment compositions according to claim 1 which necessarily  
          comprises a propellant.
3.     A hard surface treatment composition according to claim 1 which necessarily  
25    comprises an antimicrobial constituent.
4.     A hard surface treatment composition according to claim 2 which necessarily  
          comprises an antimicrobial constituent.
- 30    5.     A hard surface treatment composition according to claim 3 wherein the antimicrobial  
          constituent is quaternary ammonium compound having antimicrobial properties or salt form  
          thereof.
6.     A hard surface treatment composition according to claim 5 wherein the antimicrobial  
35    constituent is a non-chloride ion containing quaternary ammonium antimicrobial having  
          antimicrobial properties.

6. A hard surface treatment composition according to claim 4 wherein the antimicrobial constituent is quaternary ammonium compound having antimicrobial properties or salt form thereof.

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7. A hard surface treatment composition according to claim 6 wherein the antimicrobial constituent is a non-chloride ion containing quaternary ammonium antimicrobial having antimicrobial properties.

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8. A process for providing a disinfecting treatment of hard surfaces wherein the presence of one or more undesired microorganisms selected from , is suspected, which process contemplates the step of applying an antimicrobially effective amount of a hard surface treatment composition according to claim 1 to the hard surfaces where the presence of undesired microorganisms selected from one or more of: *Salmonella choleraesuis*,  
15 *Staphylococcus aureus*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Enterococcus hirae* ,  
*Aspergillus niger*, *T. mentagrophytes*, Hepatitis A , Poliovirus Type 1, Coxsachievirus , Rotavirus, or Rhinovirus is suspected.

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9. A process for providing a disinfecting treatment of hard surfaces wherein the presence of one or more undesired microorganisms selected from , is suspected, which process contemplates the step of applying an antimicrobially effective amount of a hard surface treatment composition according to claim 2 to the hard surfaces where the presence of undesired microorganisms selected from one or more of: *Salmonella choleraesuis*,  
*Staphylococcus aureus*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Enterococcus hirae* ,  
25 *Aspergillus niger*, *T. mentagrophytes*, Hepatitis A , Poliovirus Type 1, Coxsachievirus , Rotavirus, or Rhinovirus is suspected.

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10. A method for treating ambient air which method includes the step of dispensing an effective amount of a hard surface composition according to claim 1 in an amount effective to exhibit antimicrobial efficacy against gram positive type pathogenic bacteria and/or gram negative type bacteria.

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11. A method for treating ambient air which method includes the step of dispensing an effective amount of a hard surface composition according to claim 2 in an amount effective to exhibit antimicrobial efficacy against gram positive type pathogenic bacteria and/or gram negative type bacteria.

12. The composition according to claim 1 wherein the amount of alcohol is from about 50 to about 70 weight percent.
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13. The composition according to claim 12 wherein the amount of alcohol is from about 50 to about 60 weight percent.
14. The composition according to claim 1 wherein the pH of the composition is from about 9 to about 12.
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15. The composition according to claim 1 the alcohol is selected from ethanol, isopropanol, and mixtures thereof.
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16. The composition according to claim 15 wherein the alcohol is ethanol.
17. The composition according to claim 2 wherein the amount of alcohol is from about 50 to about 70 weight percent.
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18. The composition according to claim 17 wherein the amount of alcohol is from about 50 to about 60 weight percent.
19. The composition according to claim 2 wherein the pH of the composition is from about 9 to about 12.
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20. The composition according to claim 2 the alcohol is selected from ethanol, isopropanol, and mixtures thereof.
21. The composition according to claim 20 wherein the alcohol is ethanol.